

Methanediimine, digermyl-**—, digermyl-**

See Germanamine, *N,N'*-methanetetraylbis- [10592-53-7]

—, diglucoxyranosyl-

See Glucoxyranosylamine, *N,N'*-methanetetraylbis- [6714-99-4]

—, disilyl-

See Silanamine, *N,N'*-methanetetraylbis- [4468-88-6]

—, dixylopyranosyl-

See Xylopyranosylamine, *N,N'*-methanetetraylbis- [10592-73-1]

—, (methylsulfonyl)-

See Methanesulfonamide, *N*-carbonimidoyl- [13912-88-4]

—, (phenylsulfonyl)-

See Benzenesulfonamide, *N*-carbonimidoyl- [13912-89-5]

—, phosphinyl-

See Phosphinic amide, *N*-carbonimidoyl- [25475-92-7]

—, phosphono-

See Phosphoramidic acid, carbonimidoyl- [25475-93-8]

Methanediphosphonic acid

See Phosphonic acid, methylenebis- (1984-15-2)

Methane(dithioic) acid

See Carbonazodithioic acid [4472-06-4]

Methane hydroxylase

See Oxygenase, methane mono- [51961-97-8]

Methaneorthosiliconic acid

See Silanetriol, methyl- [2445-53-6]

tributyl ester

See Silane, tributoxymethyl- [5581-68-0]

triethyl ester

See Silane, triethoxymethyl- [2031-67-6]

Methanephosphonamide

See Phosphonic diamide, *P*-methyl- [4759-30-2]

Methanephosphonic acid

See Phosphonic acid, methyl- [1993-13-5]

—, aminoazo-

See Phosphonic acid, (aminocarbonyl)- [6874-57-3]

—, dithio-

See Phosphonodithioic acid, methyl- [14050-85-2]

—, thio-

See Phosphonothioic acid, methyl- [5994-73-0]

Methanephosphonous acid

See Phosphonous acid, methyl- [4759-35-7]

Methanephosphonyl chloride

See Phosphonic dichloride, methyl- [676-97-1]

Methaneselenamide

See 1,1'-diselenobis(*N,N*-bis(2-methylpropyl)-

See Selenoperoxydicarbonic diamide ((H₂N)(C(Se)₂Se)₂), tetrakis(2-methylpropyl)- [1851-78-1]

Methanestannonic acid

See Stannane, hydroxymethylazo- [753-61-7]

Methanesulfonyl chloride

See (benzoylimino)chloro-

See Carbonochloridimidithioic acid, benzoyl-, anhydrosulfide with thiophosphorous acid [3911-58-8]

—, chloroimino-

See Carbonochloridimidithioic acid, anhydrosulfide with thiophosphorous acid [25740-24-3]

Methanesulfonic acid

See also Thiourea, oxides, *S,S*-dioxide [4189-44-0]

—, hydroxy-

zinc salt (2:1) — see Zinc, bis(hydroxy-*κ*O)-methanesulfonato-*κ*O)-, (T-4)- [24887-06-7]

Methanesulfonic acid [75-75-2]

Addition products of methanesulfonic acid are indexed as methanesulfonate salts of the organic bases with which it combines, except for those of cyclohexanamine, *N*-cyclohexylcyclohexanamine, *N,N*-diethylethanamine and phenylmethyl carbamimidothioate, which are indexed at this heading

In the absence of a higher function, when one or more sulfomethyl groups are directly attached by single bonds to any ring, including benzene, the compound is indexed at a conjunctive name based on the ring, e.g., 1,4-Naphthalenedimethanesulfonic acid; 1H-Naphth[2,3-dimidazole-1-methanesulfonic acid]. Compounds containing sulfomethylene groups directly attached to rings, formerly indexed at conjunctive names, are now indexed at such names as Methanesulfonic acid, cyclohexylidene-

Simple esters (butyl, chlorophenyl, cyclohexyl, decyl, 2-(diethylamino)ethyl, 2-(dimethylamino)ethyl, 1,1-dimethylthyl, dodecyl, ethenyl, ethyl, 2-ethylbutyl, 2-ethylhexyl, heptyl, hexyl, methyl, 1-methylthyl, methylphenyl, 1-methylpropyl, 2-methylpropyl, nitrophenyl, nonyl, octadecyl, octyl, pentyl, phenyl, 2-phenylethyl, phenylmethyl, 2-propenyl, and propyl), and indefinitely branched isooalkyl or neoalkyl are indexed at this heading. Other esters are indexed only at the alcohols

—, benzoyl-

See Benzenesulfonamide, *β*-oxo- [4496-92-8]

Methanesulfonyl peroxide

See Peroxide, bis(methylsulfonyl) [1001-62-3]

Methanethioamide**—, 1,1'-dithio-**

See Thioperoxydicarbonic diamide ((H₂N)(C(S)₂S)₂) [504-90-5]

—, 1,1'-dithio-

See Thioperoxydicarbonic diamide ((H₂N)(C(S)₂S)₂), tetrabutyl- [1634-02-2]

—, 1,1'-thio-

See Thiocarbonic diamide ((H₂N)(C(S)₂S)₂) [95-05-6]

Methanethioic acid**—, diseleno-**

See Selenothioperoxydicarbonic dihydrazide ((H₂NHN)(C(S)₂Se)₂) [25740-11-8]

—, ditelluro-

See Tellurothioperoxydicarbonic dihydrazide ((H₂NHN)(C(S)₂Te)₂) [25740-14-1]

—, dithio-

See Thioperoxydicarbonic dihydrazide ((H₂NNH)(C(S)₂S)₂) [25740-16-3]

Methanethiol [74-93-1]

In the absence of a function higher than thiol, methanethiol derivatives attached directly to ring systems by single bonds are indexed at conjunctive names based on the rings, e.g., Benzenemethanethiol, 1,4-Naphthalenedimethanethiol, as described in detail for the analogous hydroxy compounds by the note at Methanol

Methanethiol [74-93-1], compounds

Specific coordination compounds containing the methanethiolato ligand are indexed only at the coordination headings, e.g., Platinum, bis(methanethiolato)bis(triphenylphosphine)- [56213-50-4]. Nonspecific coordination compounds containing this ligand are indexed here and at the element headings. Specific coordination compounds containing other ligands derived from methanethiol, e.g., the neutral ligand, are indexed here as well as at the specific coordination headings

Methanethiol [74-93-1], esters

Specific esters of acids with methanethiol are indexed under the names of the acids only. General studies of esters of methanethiol are indexed at this heading

Methanethiol

—, (methylenebis(thiomethylethiomethyl)-enethio)bis-

See 2,4,6,8,10,12-Hexathiatriadecane-1,13-dithiol [4440-59-9]

Methanethione**—, diphenyl-**

ion(2-), disodium —

See Sodium, (mercaptodiphenylmethyl)-, sodium salt [22650-93-7]

Methanethionethioic acid

See Methane(dithioic) acid [4472-10-0]

Methanetriphosphonic acid

See Phosphonic acid, methylidynetris- [4730-72-7]

Methaniline

See *D*-Ribitol, 1-(4-aminophenyl)-1-deoxy-5-O-[5-O-[[1(3S)-1,3-dicarboxypropoxy]hydroxyphosphinyl]-*α*-D-ribofuranosyl]- [89173-83-1]

Methanimidamide

—, *N*-(aminoiminomethyl)-

See Guanidine, (iminomethyl)- [4013-32-5]

—, 1-(aminooxy)-

See Hydroxylamine, *O*-(aminoiminomethyl)- [29684-61-5]

—, 1-arsino-

See Arsinocarboximidamide [25666-11-9]

—, 1-chloro-

See Carbamidic chloride [6869-14-3]

—, 1-chloro-*N*-(dichlorophosphinyl)-*N*-phenyl-

See Carbamidic chloride, *N*-(dichlorophosphinyl)-*N*-phenyl- [4737-13-7]

—, *N,N*-dimethyl-*N'*-(9-*β*-D-ribofuranosyl-9H-purin-6-yl)-

See Adenosine, *N*-(dimethylamino)methylene- [17331-15-6]

—, 1,1'-dioxys-

See Peroxydicarbonimidamide ((H₂N)(C(NH)₂O)₂) [5666-24-0]

—, 1,1'-dithio-

See Thioperoxydicarbonimidic diamide ((H₂N)(C(NH)₂S)₂) [3256-06-2]

—, 1,1'-(1,2-ethanedithiolbis(thio))bis-

See Carbamidithioic acid, 1,2-ethanedithiol ester [2986-35-8]

—, *N,N'*-1,2-ethenediyl-

See 1H-Imidazole [288-32-4]

—, 1-(ethylthio)-

See Carbamodithio(peroxy)imidic acid, ethyl ester [28424-89-7]

—, 1-fluoro-

See Carbamidic fluoride [6745-79-5]

—, *N*-formyl-

See Formamide, *N*-(iminomethyl)- [10112-41-1]

—, 1,1'-hydrazo-

See 1,2-Hydrazinedicarboximidamide [6882-47-9]

—, 1-hydroxy-

See Carbamidic acid [4744-36-9]

—, 1-(methylthio)-

See Carbamodithio(peroxy)imidic acid, methyl ester [30378-67-7]

—, 1,1'-thio-

See Thiocarbimidic diamide [26365-08-2]

Methanimidic acid**—, 1-amino-**

See Carbamidic acid [4744-36-9]

—, 1-(aminothio)-

ethyl ester — see Thiohydroxylamine, *S*-(ethoxyiminomethyl)- [18538-54-0]

—, 1-chloro-

See Carbonochloridimidic acid [13011-47-7]

—, 1-hydrazino-

See Hydrazinedicarboximidic acid [51433-48-8]

—, 1,1'-iminobis-

See Imidodicarbonimidic acid [4428-99-3]

Methanimidothioic acid**—, 1-chloro-**

See Carbonochloridimidithioic acid [10592-58-2]

Methanimidoyl chloride**—, 1-(acetylamino)-**

See Carbamidic chloride, acetyl- [25740-23-2]

—, 1-(chlorothio)-

See Carbonochloridimidithioic acid, anhydrosulfide with thiophosphorous acid [25740-24-3]

Methanimine**—, *N*-boryl-**

See Boranamine, *N*-methylene- [5844-49-5]

—, 1-chloro-

See Methanimidoyl chloride [4429-01-0]

—, *N*-cyclohexyl-

See Cyclohexanamine, *N*-methylene- [4705-14-0]

—, 1,1'-dichloro-

See Carbonimidic dichloride [6701-94-6]

—, *N*-(phenylmethyl)-

See Benzenemethanamine, *N*-methylene- [4393-14-0]

—, *N,N'*-thio-

See Sulfoxylic diamide, bis(methylene)- [25278-07-3]

4,7-Methanoandrostane

See 4,7-Methano-1H-cyclopenta[a]phenanthrene, hexadecahydro-10,13-dimethyl-, (4S,5R,7R,8S,9S,10S,13S,14S)- [65016-33-3]

1,6-Methano[10]annulene

See Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene [2443-46-1]

4,9-Methano[11]annulene

See Bicyclo[5.4.1]dodeca-2,5,7,9,11-pentaene-4-one [30234-90-3]

4a,9a-Methanoanthracene

See 9H,10H-8a,10a-Epoxy-4a,9a-methanoanthracene, octahydro- [29918-09-0]

2,6-Methano-1H-azecino[5,4-b]indole

5-ethylidene-2,3,4,5,6,7,8,9-octahydro-3,14-dimethyl- [25-(2R*,5E,6S*,14R*)] — see Vobasan [34486-92-5]

4H-2,5-Methano-1H-azeto[3,2,1-jk]indolo[3,2-d]-[1]benzazepin-5-ium

—, 2,3,3a,6,7,12,12b,12c-octahydro-4-methyl- [2R-(2a,3a,6,7a,12b,12c)] —

see 6,20-Cyclobogaminium [52467-50-2]

1H-3a,7-Methanoazulene

—, 1,8a-epoxy-2,3,4,7,8,8a-hexahydro-

See 4H-3a,7-Methano-3H-azulenol, 1,8a-bisoxirene, 1a,2,7,8-tetrahydro- [26233-80-7]

—, 5,6-epoxyoctahydro-

See 2H-2a,7-Methanoazulene, 5,6-bisoxirene, octahydro- [4448-90-2]

4,7-Methanoazulene

—, 3a,8a-epoxydecahydro-

See 1H,4H-3a,8a-Epoxy-4,7-methanoazulene, hexahydro- [4448-92-4]

1,4-Methanoazulene-3,9(2H)-dione

cyclic 3-(1,2-ethanedithiol mercaptol) —

see Spiro[1,3-dithiolane-2,3'(2'H)]-[1,4]-methanoazulene]-9-one [25441-04-7]

1,4-Methanoazulene-5,9(1H)-dione

cyclic 5-(1,2-ethanedithiol mercaptol) —

see Spiro[1,3-dithiolane-2,5'(1'H)]-[1,4]-methanoazulene]-9-one [25441-05-8]

4H-5,9a-Methanoazulene(4,5-c)[1,2,5]osmadioxole

See Osmium, [6H-3a,7-methanoazulene-4,5-diolato(2-)-*κ*O,*κ*O']- [33987-60-7]

Methanobacillus**See Methanobacterium****7,12-Methanobenz[10]annulene**

See 5,10-Methanobenzocyclodecene [13352-41-5]

1H-7,9a-Methanobenz[a]azulene**—, dodecahydro-**

[7S-(7a,9a,10a)] — see Gibbane [6902-95-0]

—, 2,3-epoxydodecahydro-

See 1aH-5,7a-Methanocyclohept[1,2]indeno[5,6-b]-oxirene, dodecahydro- [6050-83-5]

1H-7,9a-Methanobenz[a]azulene-1-carboxylic acid

—, 2,4a-dihydro-4a-hydroxy-

γ-lactone — see 4a,1-(Epoxy)methano-7,9a-methanobenz[a]azulene-13-one, 1,2-dihydro- [6810-83-9]

1H-7,9a-Methanobenz[a]azulene-10-carboxylic acid**—, 1-formyl-**

cyclic 1,2-ethanedithiol mercaptol —

see 1H-7,9a-Methanobenz[a]azulene-10-carboxylic acid, 1-(1,3-dithiolan-2-yl)- [6050-85-7]

7H-7,9a-Methanobenz[a]azulene-6,8(9H,10H)-dione